


<b>Search Notes</b>  	<b>Application/Control No.</b>  10541835	<b>Applicant(s)/Patent Under Reexamination</b>  JOHANNESSEN, TOR H.
	<b>Examiner</b>  JOHN M DEBOER	<b>Art Unit</b>  4112

### SEARCHED

Class	Subclass	Date	Examiner
166	55, 298	1/16/2008	JMD

### SEARCH NOTES

Search Notes	Date	Examiner
Term meanings not understood from specification were given plain and ordinary meaning as understood from prior art references, as well as <a href="http://www.google.com">www.google.com</a> and <a href="http://www.glossary.oilfield.slb.com/">www.glossary.oilfield.slb.com/</a>	1/16/2008	JMD
Contacted PE Hoang Dang regarding Classification search	1/16/2008	JMD
text search within East database, including: ((inner or inner) near2 (pipe or piping or tubular or tubing or tube or conduit)) with ((outter or outer) near2 (pipe or piping or tubular or tubing or tube or conduit)); (pressur\$4 valve hydraulic\$3 bit drill); (feed adj speed) (pressure adj valve) (drill\$3 near5 (device or apparatus or means or system or method)); (drill near2 (different or various) near2 material) same ((vary or control or change) (speed or rate)); ((drill or drilling or perforat\$3	1/16/2008	JMD
Inventor last name search for DP analysis (Johannessen)	1/16/2008	JMD
<a href="http://www.norse-group.no">www.norse-group.no</a>	1/16/2008	JMD
East text search (above) performed openly in all East databases, as well general internet search	1/16/2008	JMD
additional text search: ((drill or drilling or perforat\$3 or penetrat\$3) adj (through or thru or threw)) near4 (pipe or piping or tubular or conduit); (hydraulic near2 circuit); ((under near2 water) or underwater or under?water or sub?aqueous or subaqueous); ((drill or drilling) adj (through or thru or threw)) near2 (pipes or pipings or tubulars or conduits)	1/16/2008	JMD

### INTERFERENCE SEARCH

Class	Subclass	Date	Examiner